



Attorney Docket No. 1437-01100

Applicant: Michael T. Wilson

Serial No. 10/648,526

Filed: August 26, 2003

Title: Prosthetic Hip Joint with Side Pivot

Sheet 1 of 8

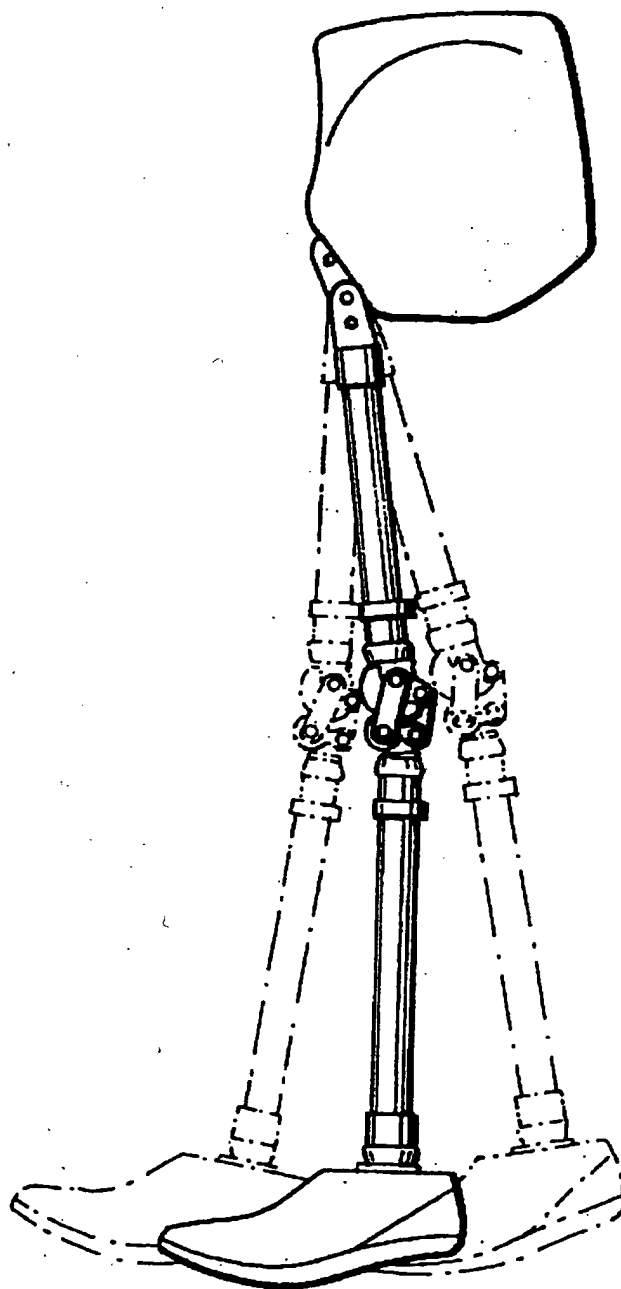


Fig. 1
(Prior Art)

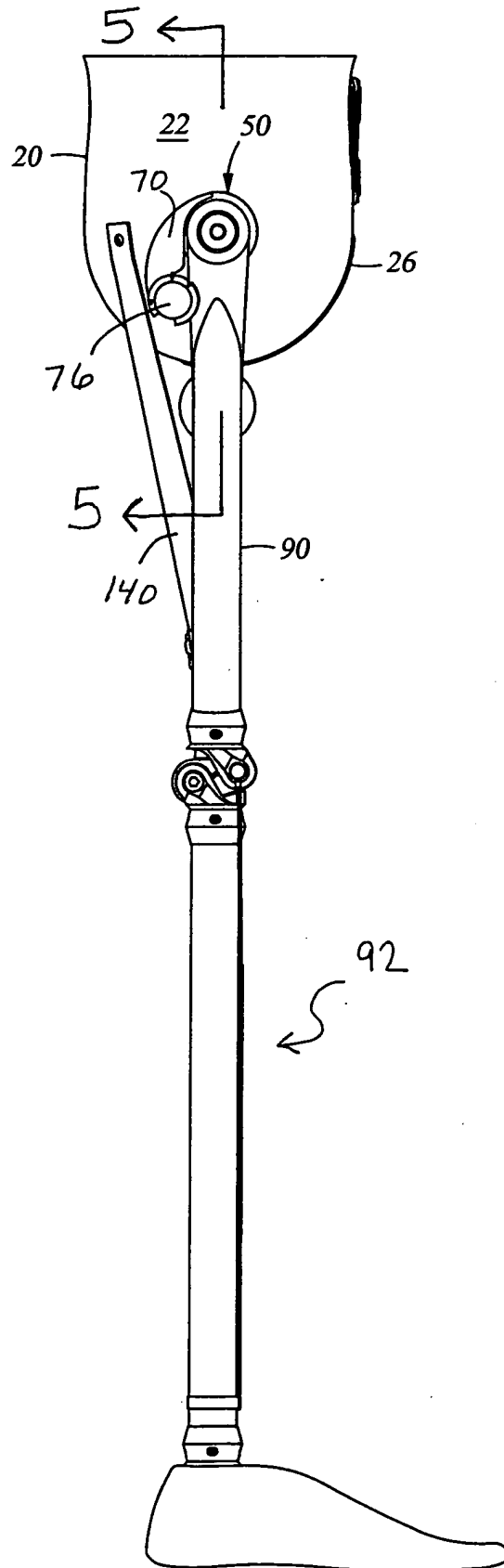


Fig. 2

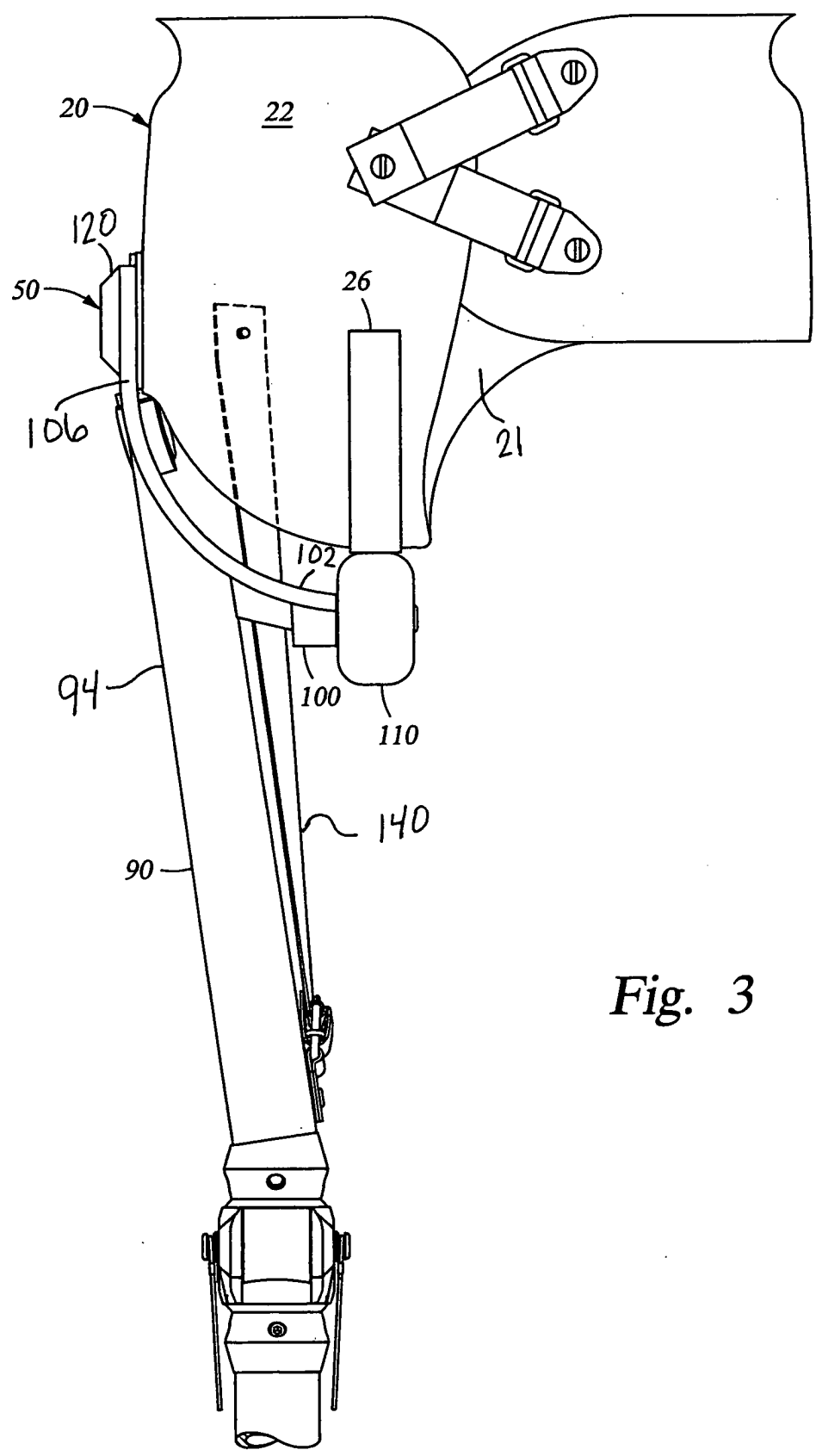
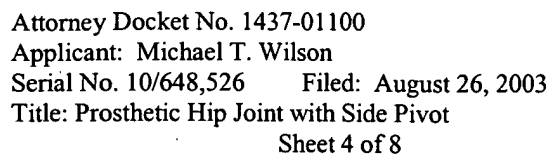


Fig. 3



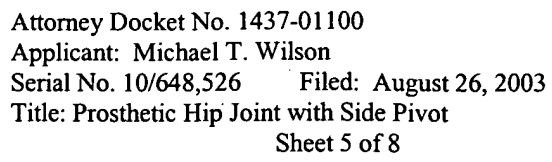


Fig. 5

Fig. 5 is a detailed cross-sectional view of a mechanical assembly, likely a turbine or compressor section. The assembly includes a central shaft (20) with a series of blades or vanes (22, 25, 52, 54, 56, 57, 58) mounted on it. A large, curved component (120) is positioned around the shaft, featuring a series of teeth or serrations (122, 127, 128, 129) that engage with corresponding teeth on the blades. A smaller, rectangular component (80) is also visible, positioned between the blades and the curved component. The assembly is supported by a base (60) and a housing (62, 64, 66, 67, 68). A dashed line (59) indicates a cross-sectional plane. Various other components are labeled with numbers, including 21, 50, 51, 53, 55, 82, 86, 87, 88, 130, 132, and 133.

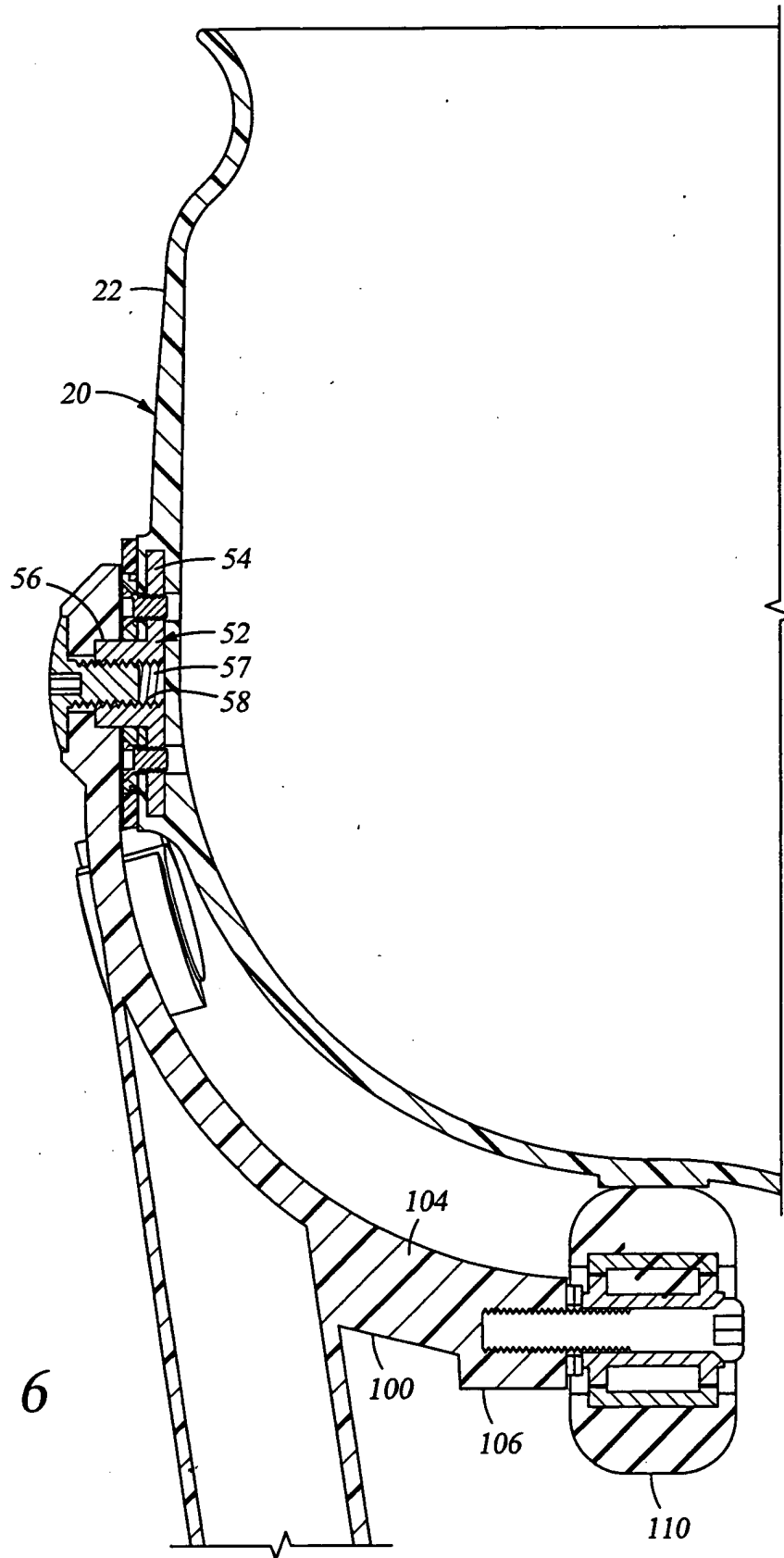


Fig. 6

